Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/567220	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:19
S2	6354	position\$4 same (gravity gravitation\$4) same (measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:25
S3	4318	position\$4 same (gravity gravitation\$4) same (measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4) and (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:27
S4	1759	position\$4 same (gravity gravitation\$4) same (measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4) same (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:28
S5 .	24	(position\$4 same (gravity gravitation\$4)) near6 ((measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4)) same (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:41
S6	56 ·	position\$4 near6 ((measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4)) same (gravity gravitation\$4) near6 (correct\$4 compensat\$4 limit\$4 reduc\$6) same (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:57
S7		position\$4 near6 ((measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4)) same (gravity gravitation\$4) near6 (correct\$4 compensat\$4 limit\$4 reduc\$6) and (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:58

S8	2	position\$4 near6 ((measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4)) and (gravity gravitation\$4) near6 (correct\$4 compensat\$4 limit\$4 reduc\$6) and (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:02
S10	1	position\$4 near6 ((measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4)) and (gravity gravitation\$4) near6 (correct\$4 compensat\$4 limit\$4 reduc\$6 force) same (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:04
S9	. 34	position\$4 near6 ((measur\$6 detect\$4 sens\$4) same (control\$4 actuat\$4)) and (gravity gravitation\$4) near6 (correct\$4 compensat\$4 limit\$4 reduc\$6 force) and (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:27
S11	25	(position location displac\$6) near3 (measur\$6 sensor sensing detect\$4) and (control\$4 actuat\$4) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with input with output with (position location displac\$6) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:34
S12	20	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) and (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with input with output with (position location displac\$6) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:36
S13	14	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with input with output with (position location displac\$6) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:43

12/16/07 11:36:44 PM
C:\Documents and Settings\cbarnes1\My Documents\EAST\workspaces\10567220.wsp

10	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4)	US-PGPUB;	OR ·	ON	2007/12/12 15:44
	same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with input with output with (position location displac\$6) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807")	USPAT; EPO; JPO; DERWENT; IBM_TDB			
0	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring and pulley) and (tension motor)) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:46
28	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring pulley) and (tension motor)) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:46
1	("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring tension pulley	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 18:39
	28	and gravity with input with output with (position location displac\$6) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807") 0 (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring and pulley) and (tension motor)) and (@ad<"20030807" @rlad<"20030807") 28 (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring pulley) and (tension motor)) and (@ad<"20030807" @rlad<"20030807" @rlad<"20030807" @rlad<"20030807" ©rlad<"20030807" 1 ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844666" "5844666" "5844666" "5844666" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "44105751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4	and gravity with input with output with (position location displac\$6) and gravity with (spring tension pulley motor) and (@ad <"20030807" @rlad<"20030807") (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring and pulley) and (tension motor)) and (@ad <"20030807" @rlad<"20030807" (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring pulley) and (tension motor)) and (@ad <"20030807" @rlad<"20030807" @rlad<"20030807" @rlad<"20030807" @rlad<"20030807" ### (Spray and tension motor) and (@ad <"20030807" ### (Spr	and gravity with input with output with (position location displace\$6) and gravity with (spring tension pulley motor) and (@ad<"20030807") (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring and pulley) and (tension motor)) and (@ad<"20030807") (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$5 actuat\$4) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$6 actuat\$4) and gravity with ((spring pulley) and (tension motor)) and (@ad<"20030807") ("4415250" "4425073" "4574227" "6008882" "4366615" "4497930" "5722620" "5767401" "5844666" "5844666" "578435" "4268039" "4320942" "4328941" "4336917" "433715" "4356594" "4756191" "4773772" "4807487" "4358699" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "50204444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring tension pulley motor) and (@ad<"20030807"	and gravity with input with output with (position location displac\$6) and gravity with (spring tension pulley motor) and (@ad<"20030807") (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4)) and gravity with ((spring and pulley) and (tension motor)) and (@ad<"20030807") (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity with ((spring and pulley) and (tension motor)) and (gad<"20030807") (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity with ((spring pulley) and (tension motor)) and (@ad<"20030807") (gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with ((spring pulley) and (tension motor)) and (@ad<"20030807") (gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity near3 (spring pulley) and (tension motor)) and (gad<"20030807") (gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity near3 "42640745" "3827333" "426570" "4268039" "4320942" "4328941" "4336917" "4337715" "436594" "4358941" "4336917" "4337715" "4506629" "4610200" "4755346" "4756191" "4773772" "4807487" "4833099" "485265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515"), n. and (position location displac\$6 near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring tension pulley motor) and (@ad<"20030807"

S19	. 3	("4415250" "4425073" "4574227"	US-PGPUB;	OR	ON	2007/12/15 18:41
		"6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			
		"5005297" "5323174" "5353042"	DERWENT;	1		
		"5722620" "5767401" "5844666"	IBM_TDB			
ĺ		"5844664" "5979835" "6249745"				
		"3827333" "4261459" "4268039"				
		"4320942" "4328941" "4336917"				
İ		"4337715" "4356594" "4357833"			İ	
		"4402392" "4425975" "4474063"				
		"4507737" "4510751" "4606629"			İ	
İ						
		"4610200" "4755346" "4756191"	1			
		"4773772" "4807487" "4838099"				
İ		"4852265" "4912851" "4948164"]		
		RE33385 "4988060" "5020444"				
		"5020743" "5040613" "5182863"	a			
		"5193651" "5201515").pn. and				
		(position location displac\$6) near6				
		((measur\$6 sensor sensing detect\$4)				
		same (control\$4 actuat\$4)) and		1 .	1	
		gravity near6 (compensat\$4 reduc\$4	1			
		limit\$4 correct\$4 control\$4 actuat\$4)		İ		
		and gravity with (spring tension pulley				
		motor) and (@ad<"20030807"				
		@rlad<"20030807")				
S20	8	("4415250" "4425073" "4574227"	US-PGPUB;	OR	ON	2007/12/15 18:42
		"6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			
		"5005297" "5323174" "5353042"	DERWENT;			
		"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"	30/ 1_/00			
		"3827333" "4261459" "4268039"				
	•	"4320942" "4328941" "4336917"				
				1		
		"4337715" "4356594" "4357833"				
ì		"4402392" "4425975" "4474063"				
		"4507737" "4510751" "4606629"				
		"4610200" "4755346" "4756191"		1		
		"4773772" "4807487" "4838099"				
		"4852265" "4912851" "4948164"				
		RE33385 "4988060" "5020444"				
		"5020743" "5040613" "5182863"				
		"5193651" "5201515").pn. and				
		(position location displac\$6) near6		İ		
		••				
		((measur\$6 sensor sensing detect\$4)				
				1	1	1
		same (control\$4 actuat\$4)) and (force			1	
		gravity) near6 (compensat\$4 reduc\$4				
		gravity) near6 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4)	i			
		gravity) near6 (compensat\$4 reduc\$4			:	
		gravity) near6 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4)				
		gravity) near6 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and (force gravity) with (spring				

COL	4	("4415250" "4425072" "4574227"	LIC DCDUB.	OB	ON	2007/12/15 19:45
S21	4	("4415250" "4425073" "4574227"	US-PGPUB;	OR	ON	2007/12/15 18:45
		"6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			
		"5005297" "5323174" "5353042"	DERWENT;			
]		"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"				
Ì		"3827333" "4261459" "4268039"				
		"4320942" "4328941" "4336917"				-
		"4337715" "4356594" "4357833"				
		"4402392" "4425975" "4474063"				
		"4507737" "4510751" "4606629"				
		"4610200" "4755346" "4756191"				
•		"4773772" "4807487" "4838099"				
		"4852265" "4912851" "4948164"				
		RE33385 "4988060" "5020444"		1		
		"5020743" "5040613" "5182863"				
		"5193651" "5201515").pn. and				
		(position location displac\$6) near3				
		((measur\$6 sensor sensing detect\$4)				
		same (control\$4 actuat\$4)) and (force				
		gravity) near3 (compensat\$4 reduc\$4				
		limit\$4 correct\$4 control\$4 actuat\$4)				
		and (force gravity) with (spring				
		tension pulley motor) and				
		(@ad<"20030807"				
		@rlad<"20030807")		,		
S22	0	("4415250" "4425073" "4574227"	US-PGPUB;	OR	ON	2007/12/15 18:46
		``6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			
		"5005297" "5323174" "5353042"	DERWENT;			
		"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"	15,1_,00			
		"3827333" "4261459" "4268039"				
		"4320942" "4328941" "4336917"				
		"4337715" "4356594" "4357833"	1	1		
		"4402392" "4425975" "4474063"				
-		"4507737" "4510751" "4606629"				
		"4610200" "4755346" "4756191"				
		"4773772" "4807487" "4838099"				
		"4852265" "4912851" "4948164"				
		RE33385 "4988060" "5020444"	1.7	h		
		"5020743" "5040613" "5182863"				
		"5193651" "5201515").pn. and				
		(position location displac\$6) near3				
		((measur\$6 sensor sensing detect\$4)				
		same (control\$4 actuat\$4)) and (force		1		
		gravity) near3 (compensat\$4 reduc\$4				
		limit\$4 correct\$4 control\$4 actuat\$4)				
		and (force gravity) with (spring and	-			
		tension and pulley and motor) and				
		(@ad<"20030807"	1			
		@rlad<"20030807")	1			
ı		@ildu > 2000000/)	1		1	1

S23	0	("4415250" "4425073" "4574227"	IIS-DCDI IR	OR	ON	2007/12/15 18:46
323	' '	(4415250	US-PGPUB;	UK	ON	2007/12/13 10.70
			USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			
		"5005297" "5323174" "5353042"	DERWENT;	,		
	į	"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"				
		"3827333" "4261459" "4268039"			1	
		"4320942" "4328941" "4336917"				
		"4337715" "4356594" "4357833"				
		"4402392" "4425975" "4474063"				
		"4507737" "4510751" "4606629"				
		"4610200" "4755346" "4756191"			ĺ	
:		"4773772" "4807487" "4838099"				
		"4852265" "4912851" "4948164"			}	
		RE33385 "4988060" "5020444"				
		"5020743" "5040613" "5182863"				
		"5193651" "5201515").pn. and		}		
		(position location displac\$6) near3				
		((measur\$6 sensor sensing detect\$4)				
	.	same (control\$4 actuat\$4)) and (force				
		gravity) near3 (compensat\$4 reduc\$4				
		limit\$4 correct\$4 control\$4 actuat\$4)				*-
		and (force gravity) with (spring and				
		tension and motor) and				
		(@ad<"20030807"				
		@rlad<"20030807")				
S24	1	("4415250" "4425073" "4574227"	US-PGPUB;	OR	ON	2007/12/15 18:49
		"6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			i
		"5005297" "5323174" "5353042"	DERWENT;			
		"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"				
	!	"3827333" "4261459" "4268039"	İ			
		"4320942" "4328941" "4336917"				
		"4337715" "4356594" "4357833"				
		"4402392" "4425975" "4474063"		·		
	18	"4507737" "4510751" "4606629"				
		"4610200" "4755346" "4756191"		1		
		"4773772" "4807487" "4838099"		İ		
		"4852265" "4912851" "4948164"				
		RE33385 "4988060" "5020444"				
		"5020743" "5040613" "5182863"				
		"5193651" "5201515").pn. and		}		-
		(position location displac\$6) near3				
		((measur\$6 sensor sensing detect\$4)				
		same (control\$4 actuat\$4)) and (force				
		gravity) near3 (compensat\$4 reduc\$4				
		limit\$4 correct\$4 control\$4 actuat\$4)				
		and (force gravity) with (spring and			1	
		motor) and (@ad<"20030807"			1	·
		@rlad<"20030807")	L	I		<u> </u>

 				· · · · · ·	1	T
S25	0	("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and (force gravity) near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and (force gravity) with (spring same motor) and (@ad<"20030807") @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 18:50
S26	0	("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and (force gravity) near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and (force gravity) with ((spring string tension pulley) same motor) and (@ad<"20030807" @rlad<"20030807"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 18:51

S28	2	("4415250" "4425073" "4574227"	US-PGPUB;	·OR	ON	2007/12/15 18:53
		"6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			,
		"5005297" "5323174" "5353042"	DERWENT;			
		"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"				
		"3827333" "4261459" "4268039"				
		"4320942" "4328941" "4336917"				
	•	"4337715" "4356594" "4357833"				
		"4402392" "4425975" "4474063"				
		"4507737" "4510751" "4606629"				
		"4610200" "4755346" "4756191"				
1		"4773772" "4807487" "4838099"				
		"4852265" "4912851" "4948164"				
		RE33385 "4988060" "5020444"				
		"5020743" "5040613" "5182863"				
		"5193651" "5201515").pn. and				
		(position location displac\$6) near3				
		((measur\$6 sensor sensing detect\$4)				
,		same (control\$4 actuat\$4)) and (force				
		gravity) near3 (compensat\$4 reduc\$4				
		limit\$4 correct\$4 control\$4 actuat\$4)				
		and (force gravity) with (position	1			
-		location displac\$6) with (input output)				
}		and (@ad<"20030807"	ļ .			
		@rlad<"20030807")				
S27	6	("4415250" "4425073" "4574227"	US-PGPUB;	OR	ON	2007/12/15 20:28
		"6008882" "4365719" "4408740"	USPAT;			
		"4803786" "4866615" "4897930"	EPO; JPO;			
		"5005297" "5323174" "5353042"	DERWENT;			
		"5722620" "5767401" "5844666"	IBM_TDB			
		"5844664" "5979835" "6249745"				
		"3827333" "4261459" "4268039"				
		"4320942" "4328941" "4336917"				
		"4337715" "4356594" "4357833"	No. of the last			
		"4402392" "4425975" "4474063"				
		"4507737" "4510751" "4606629"	10			
		"4610200" "4755346" "4756191"			İ	
		"4773772" "4807487" "4838099"				
		"4852265" "4912851" "4948164"				
		RE33385 "4988060" "5020444"				
		"5020743" "5040613" "5182863"	1			
		"5193651" "5201515").pn. and				
		(position location displac\$6) near3				
		((measur\$6 sensor sensing detect\$4)				
		same (control\$4 actuat\$4)) and (force	K 1 1 1 2			
10 1.		gravity) near3 (compensat\$4 reduc\$4				
		limit\$4 correct\$4 control\$4 actuat\$4)				
		and (force gravity) with (position				
		location displac\$6) and				
	•	(@ad<"20030807"				
i		@rlad<"20030807")	i	1	1	1

		EAST Scarce	•			
S29	9	"5136227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:29
S30	2	"5136227".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:29
S31	2	"4591772".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:30
S32	2	"4733150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:31
S33	2	"5425237".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:31
S15	237	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:27
S38		gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/12/15 22:29
S35	0	(position location displac\$6) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S36	0	gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30

S39	0	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2007/12/15 22:30
		gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	DERWENT; IBM_TDB	,		
540	0	(position location displac\$6) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S41	0	gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S37	0	(position location displac\$6) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:31
S42	0	(position location displac\$6) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:31
S43	0	gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807") @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/12/15 22:31
S34	0	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32
S44	0	gravity same (spring and string and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32

12/16/07 11:36:44 PM C:\Documents and Settings\cbarnes1\My Documents\EAST\workspaces\10567220.wsp Page 10

S45	34	gravity same (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32
S46	6	gravity with (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32
S47	0	(position location displac\$6) near3 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:33
S48		(position location displac\$6) near6 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:35
S49	1	(position location displac\$6) near6 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and string and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:31
S51	1	(position location displac\$6) near6 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity with (spring and pulley and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:31
S50 .	0	(position location displac\$6) near6 ((measur\$6 sensor sensing detect\$4) same (control\$4 actuat\$4)) and gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and pulley and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/12/15 23:33

S52	4	gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring and pulley and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:35
S53	1	gravity near3 (compensat\$4 reduc\$4 limit\$4 correct\$4 control\$4 actuat\$4) and gravity with (spring with pulley with tension with motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:36

12/16/07 11:36:44 PM C:\Documents and Settings\cbarnes1\My Documents\EAST\workspaces\10567220.wsp